

Appl. No. 09/272,240
Amdt. dated September 22, 2005
Reply to Office Action of June 29, 2005

PATENT
Docket: 990382

In the claims:

1. (Currently amended) A method of programming a macro to selectively operate features of a personal wireless communication handset, the method comprising the steps of:
initiating a program mode in a controller of the handset;
entering a sequence of inputs using a user interface, said sequence causing the controller to navigate up and down through ~~one or more~~ multiple stages of a hierarchical menu structure to activate a plurality of selected features in a predetermined sequence;
storing said sequence of inputs in a memory; and
defining a procedure for retrieving the sequence of inputs from the memory to navigate through the hierarchical menu structure in order to operate said at least one selected features feature of the handset.
2. (Original) The method of Claim 1 wherein the user interface is a keypad.
3. (Original) The method of Claim 1 wherein the user interface is voice recognition device.
4. (Original) The method of Claim 1 wherein the user interface is a stylus device.
5. (Original) The method of Claim 2 wherein the procedure for retrieving the sequence of inputs uses a dedicated hot key.
6. (Original) The method of Claim 2 wherein the procedure for retrieving the sequence of inputs uses a soft key.
7. (Previously presented) The method of Claim 2 wherein the procedure for retrieving the sequence of inputs uses an overloaded key on said keypad.
8. (Original) The method of Claim 1 wherein a menu list displays macros stored in said memory.
9. (Original) The method of Claim 8 wherein the menu list displays the defined procedure for retrieving a macro.
10. Canceled.
11. (Currently Amended) A personal communication handset comprising:

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a display;

a user-interface;

a controller coupled to the display and configured to communicate with said display so as to display a set of text descriptions allowing a user to view features of the personal communication handset, said controller also coupled to the user-interface and configured to receive commands from said user-interface to navigate up and down through multiple one-or-more stages of a hierarchical menu structure in order to activate a plurality of selected access features of said personal communication handset, said controller having a programming mode in which a user may enter a set of user-interface inputs for storage;

a memory device coupled to the controller, such that said controller can retrieve data stored on said memory device and store data on said memory device; and

a macro program stored in the memory device, said macro program comprising a set of user-interface inputs to navigate up and down through the hierarchical menu structure in order to control ~~at least one feature~~ the selected features of the wireless communications device.

12. (Original) The personal communication handset of Claim 11 wherein the user-interface is a keypad.

13. (Original) The personal communication handset of Claim 12 further comprising a dedicated macro hot key on said keypad, the macro hot key configured to initiate the macro program.

14. (Currently Amended) A personal communication handset comprising:

a display;

a user-interface;

a controller in electrical communication with said display so as to cause said display to display a set of text descriptions defining features of the personal communication handset, said controller also receiving commands from said user-interface causing the controller to navigate up and down through multiple one-or-more stages of a hierarchical menu structure in order to activate a plurality of selected access features of said personal communication handset, said

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controller having a programming mode in which a user may enter a sequence of inputs using the user interface for storage;

a memory device coupled to the controller, such that said controller can retrieve data stored on said memory device and store data on said memory device; and

a program stored in the memory device for storing the sequence of inputs entered using the user-interface and for retrieving said sequence of inputs to navigate up and down through the hierarchical menu structure in order to control ~~at least one feature~~ the selected features of the personal communication handset.

15. (Original) The personal communication handset of Claim 14 wherein the user-interface is a keypad.

16. (Original) The personal communication handset of Claim 15 further comprising a dedicated macro key on the keypad configured to initiate the procedure to retrieve the sequence of inputs.

17. (Currently amended) A method of selectively operating features of a personal wireless communication handset, the method comprising the steps of:

initiating a program mode in a controller of the handset;

entering a sequence of inputs using a keypad on the handset, said sequence causing the controller to navigate up and down through multiple ~~one or more~~ stages of a hierarchical menu structure in order to activate a plurality of selected features;

storing said sequence of inputs in a memory;

defining a procedure for retrieving the sequence of inputs from the memory; and

pressing a key on the keypad to initiate the procedure for retrieving the sequence of inputs from the memory to ~~operate~~ activate the selected features of the handset, said procedure operative to access the selected features by navigating up and down through the hierarchical menu structure.

18. (Original) The method of Claim 17 where the key on the keypad pressed to perform the macro is a dedicated hot key.

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19. (Original) The method of Claim 17 where the key on the keypad pressed to perform the procedure is a soft key.

20. (Currently Amended) A personal wireless communication handset comprising:

a display;

a keypad comprising a macro hot key;

a controller coupled to the display and configured to communicate with said display so as to display a set of text descriptions allowing a user to view features of the personal wireless communication handset, said controller also coupled to the keypad and configured to receive commands from said keypad to navigate up and down through multiple ~~one or more~~ stages of a hierarchical menu structure in order to activate a plurality of selected ~~access~~ features of said personal wireless communication handset, said controller having a programming mode in which a user may enter a set of keypad inputs using the user interface for storage;

a memory device coupled to the controller, such that said controller can retrieve data stored on said memory device and store data on said memory device; and

a macro program stored in the memory device, said macro program comprising a set of keypad inputs to navigate up and down through the hierarchical menu structure in order to control ~~at least one feature~~ the selected features of the wireless communications device, wherein the macro program is initiated by pressing a macro hot key.

21. (Currently amended) A personal communication handset comprising:

means for initiating a program mode in a controller of the handset;

means for entering a sequence of inputs using a user interface, said sequence causing the controller to navigate up and down through multiple ~~one or more~~ stages of a hierarchical menu structure in order to activate a plurality of selected features;

means for storing said sequence of inputs in a memory;

means for defining a procedure for retrieving the sequence of inputs from the memory;

and

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means for initiating the procedure for retrieving the sequence of inputs from the memory so that the macro is performed to activate the selected features ~~operate at least one selected feature~~ of the handset, said procedure operative to access the selected features ~~feature~~ by navigating up and down through the hierarchical menu structure.

22. (Currently amended) A method of operating a specified feature of a personal wireless communication handset, the method comprising the steps of:

programming a macro for operating a plurality of specified features ~~feature~~ of the handset comprising the steps of:

initiating a program mode in a controller of the handset;

entering a sequence of inputs using a user interface, said sequence causing the controller to navigate through one or more stages of a hierarchical menu structure;

storing said sequence of inputs in a memory; and

defining a procedure for retrieving the sequence of inputs from the memory to navigate up and down through multiple ~~one or more~~ stages of the hierarchical menu structure in order to ~~operate~~ activate the selected features ~~feature~~ of the handset; and

initiating operation of the macro so as to operate the specified features ~~feature~~ of the handset.

23. (Previously presented) The method of Claim 22 wherein the user interface is a keypad.

24. (Original) The method of Claim 23 wherein the user interface is voice recognition device.

25. (Original) The method of Claim 23 wherein the user interface is a stylus device.

26. (Original) The method of Claim 24 wherein the procedure for retrieving the sequence of inputs uses a dedicated hot key.